

REMARKS

Claims 1-2, 4-11, 13-16, and 18-21 are pending in the present application. Claims 3, 12, and 17 have been canceled without prejudice. Claims 1, 10, 15 and 21 are independent claims and have been currently amended. Support for the amendment may be found throughout the specification and drawings.

I. SPECIFICATION

The specification was objected to because of informalities (Office Action, page 2). Applicants have provided the corresponding application numbers of the co-pending applications to overcome the objection.

II. REJECTION UNDER 35 U.S.C. §102

Claims 1-5 and 7-21 were rejected under 35 U.S.C. 102(e) as being allegedly anticipated by Ahn et al., U.S. Patent No. 6,681,111 (“Ahn”). The rejection is respectfully traversed in its entirety.

Anticipation requires the disclosure in a single prior art reference of each element of the claim under consideration. *W.L. Gore & Assocs. v. Garlock*, 721 F.2d 1540, 220 USPQ 303 (Fed. Cir. 1983), cert. denied, 469 U.S. 851 (1984). Further, “anticipation requires the presence in a single prior art reference disclosure of each and every element of the claimed invention, arranged as in the claim.” *Lindemann Maschinenfabrik GmbH v. American Hoist & Derrick Co.*, 730 F.2d 1452, 221 USPQ 481, 485 (Fed. Cir. 1984) (citing *Connell v. Sears, Roebuck & Co.*, 722 F.2d 1542, 220 USPQ 193 (Fed. Cir. 1983)) (emphasis added).

Independent Claim 1 recites, among other things, an element “a logic unit ... further configured to determine whether authentication parameters from the mobile station satisfy GGG

authentication criteria” (emphasis added). In rejecting Claim 1, the Patent Office has apparently analogized the international roaming gateway system (IRGS) 300 shown in Ahn’s FIG. 1 to the “general global gateway (GGG)” of Claim 1. However, nowhere in Ahn is it taught or suggested that the IRGS 300 includes “a logic unit ... further configured to determine whether authentication parameters from the mobile station satisfy GGG authentication criteria” (emphasis added), as recited in Claim 1. Applicants herein respectfully ask the Patent Office to pinpoint exactly where in Ahn the foregoing-described element of Claim 1 is taught or suggested. Since Ahn fails to teach or suggest all elements of Claim 1, Claim 1 is thus allowable.

Independent Claims 10, 15 and 21 each recite, among other things, an element similar to the foregoing-described element of Claim 1 and are thus also allowable.

As a result, all pending claims are allowable.

III. REJECTION UNDER 35 U.S.C. §103

Claim 6 was rejected under 35 U.S.C. 103(a) as being allegedly unpatentable over Ahn in view of Hronek, U.S. Patent No. 6,564,055 (“Hronek”). This rejection is respectfully traversed in its entirety.

“To establish a *prima facie* case of obviousness, three basic criteria must be met. First, there must be some suggestion or motivation, either in the references themselves or in the knowledge generally available to one of ordinary skill in the art, to modify the reference or to combine reference teachings. Second, there must be a reasonable expectation of success. Finally, the prior art reference (or references when combined) must teach or suggest all the claim limitations.” (emphasis added) (MPEP § 2143). If an independent claim is nonobvious under 35 U.S.C. 103, then any claim depending therefrom is nonobvious. (emphasis added) *In re Fine*, 837 F.2d 1071, 5 USPQ2d 1596 (Fed. Cir. 1988).

As indicated in the foregoing section **II. REJECTION UNDER 35 U.S.C. §102**, Ahn fails to teach, disclose, or suggest all the elements of independent Claim 1. Furthermore, all the elements of independent Claim 1 are also *not* taught, disclosed, or suggested by Ahn in view of Hronek. Thus, independent Claim 1 is nonobvious under 35 U.S.C. § 103.

Claim 6 depends from Claim 4, which in turn depends from Claim 1, and is therefore nonobvious due to its dependence. Thus, the rejection should be withdrawn, and Claim 6 is allowable.

CONCLUSION

In light of the amendments contained herein, Applicants respectfully submit that the application is in condition for allowance, for which early action is requested.

Please charge any fees or overpayments that may be due with this response to Deposit Account No. 17-0026.

Respectfully submitted,

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